## **In the Claims**

What is claimed is:

1.	(currently amended) An electrochemical gas sensor, comprising:
	a first cell in communication with a second cell;
	each cell having:
	_a <del>-first</del> substrate having a <del>first-</del> surface;
	a first-sensing electrode and a first-counter electrode being spaced arart part
from one another and deposited on said <del>first</del> -surface;	
	an a first electrolytic film material having a first thickness and being in contact
with said <del>first</del> -sensing electrode for carrying a flow of ions;	
	an electrolytic material extending from said sensing electrode to said counter
electrode;	
	a reservoir in contact with said electrolytic material on a side opposite of said
substrate; and	
	a solution in said reservoir for hydrating said electrolytic material
· · · · · · · · · · · · · · · · · · ·	a second substrate having a second surface;
a second sensing electrode and a second counter electrode being spaced apart from	
one another and deposited on said second surface;	
	a second electrolytic material having a second thickness and being in contact
with said second sensing electrode for carrying a flow of ions; and	
	-said-second-thickness-being-greater-than-said-first-thickness.

2. (currently amended) The electrochemical gas sensor according to claim 1, wherein said <u>substrates of said first and said second cells substrates are combined.</u>

- 3. (currently amended) The electrochemical gas sensor according to claim 1, wherein said first and second cells further include including a first reference electrode in contact with said first electrolytic material and being spaced apart from said first sensing and said first counter electrodes.
- 4. (cancelled).
- 5. (original) The electrochemical gas sensor according to claim 1, wherein said first and said second sensing electrodes are the same material.
- 6. (original) The electrochemical gas sensor according to claim 1, wherein said first and said second sensing electrodes are different materials.
- 7. (cancelled).
- 8. (cancelled).
- 9. (currently amended) An electrochemical gas sensor, comprising:
  - a first cell in communication with a second cell;
- each cell having:
  - a first-substrate having a first-surface;
- a first-sensing electrode and a first-counter electrode being spaced apart from one another and deposited on said first-surface;
- an electrolytic material extending from said sensing electrode to said counter electrode;
- <u>a reservoir in contact with said electrolytic material on a side opposite of said</u> <u>substrate</u>;

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a substrate having a surface;

a solution in said reservoir for hydrating said electrolytic material; and
a second substrate having a second surface;
a second sensing electrode and a second counter electrode being spaced apart
one another and deposited on said second surface; and
said first sensing electrode of said first cell being of a material that is more sensi-
o detecting a gas than a material of said sensing second electrode of said second
(currently amended) The electrochemical gas sensor according to claim 9,
ein said <del>second-</del> sensing electrode <u>of said second cell</u> includes a material inert to a
(currently amended) The electrochemical gas sensor according to claim 9,
<u>ein herein</u> -said <del>second</del> -sensing electrode includes <u>gold</u> Gold.
(cancelled).
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(cancelled).
(currently amended) The electrochemical gas sensor according to claim 9,
ein said first and second cells further include including a first reference electrode
spaced apart from said <del>first</del> -sensing and <del>said first</del> -counter electrodes.
spaced apart from said mise sensing and said mise counter electrodes.
(cancelled).
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(original) An electrochemical gas sensor comprising:

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- a counter and reference electrode being deposited on said surface;
- a first sensing electrode and a second sensing electrode, being spaced apart from one another and from said counter and reference electrode, being deposited on said surface;
- a first electrolytic material having a first thickness and being in contact with said first sensing electrode for carrying a flow of ions;
- a second electrolytic material having a second thickness and being in contact with said second sensing electrode for carrying a flow of ions; and said second thickness being greater than said first thickness.